

IN THE CLAIMS

Claim 1 (original): Bottomer for cross bottom valve sacks for making cross bottoms on paper bags, which exhibit the following features:

- Folding devices, which make folds at the ends of the tube sections, from which the bags are produced
- one or more gluing stations, which provide glue spread to the areas of the folds to be glued and/or the labels provided with the bottom for gluing,
- at least one press compaction deck, in which the folded bottoms and the labels are brought in contact with each other and glued,

characterized in that

- at least one glue deck is provided for the labels and/or bottoms, which glue deck is equipped with glue outlets, which can be fed selectively, whereby, through the selection of the glue outlets, the format of the glue spread (6,7,8,9) can be defined
- these glue outlets are assigned to at least one application head (1), on which application head (1) a valve (3) is mounted, which can selectively open and shut the connection between the glue outlets and a glue feed (4a, 4b, 13),
- the glue feed comprises at least one chamber (15), through which at least one part of the valves (3) is fed with the glue and which has a diameter of at least 5 mm in at least one place,
and the glue feed comprises at least one pipeline (10), which reaches through up to the application head.

Claim 2 (original): Base insert device pursuant to the

preceding claim characterized in that this chamber (5) has a diameter of at least 7 mm.

Claim 3 (original): Base insert device pursuant to the preceding claim characterized in that this chamber (15) has a diameter of at least 10 mm.

Claim 4 (original): Base insert device pursuant to the preceding claim characterized in that this chamber (15) has a diameter of at least 15 mm.

Claim 5 (currently amended): Base insert device pursuant to claim 1 any of the preceding claims characterized in that this chamber (15) is arranged in the application head (1) or directly on the application head (1).

Claim 6 (currently amended): Base insert device pursuant to claim 1 any of the preceding claims characterized in that this chamber (15) runs linearly in the spatial direction (y) perpendicular to the transport direction of the bag components (x).

Claim 7 (currently amended): Base insert device pursuant to claim 1 any of the preceding claims characterized in that at least two of the valves (3), which are supplied with glue from the same chamber (15) are arranged in an overlapping manner when seen in the spatial direction (y), which extends perpendicular to the feed direction (x) of the bag components.

Claim 8 (currently amended): Base insert device pursuant to claim 1 any of the preceding claims characterized in that the sum of the measures of the valves (3) in the spatial direction (y) perpendicular to the feed direction (x) is larger than the length of the chamber (15) in the spatial direction (y)

perpendicular to the feed direction (x), whereby all the valves (3) are supplied with glue from this chamber (15).

Claim 9 (currently amended): Base insert device pursuant to claim 1 ~~any of the preceding claims~~ characterized in that the volume of the chamber (15) has a ratio of at least 1.5 to the volume sum of all the glue connections (11, 16) to and from the valves (3), which are supplied with glue from this chamber.

Claim 10 (currently amended): Base insert device pursuant to claim 1 ~~any of the preceding claims~~ characterized in that the gluing station comprises several chambers (15) whereby every chamber (15) supplies one part of the valves (3) in each case with glue.

Claim 11 (currently amended): Base insert device pursuant to claim 1 ~~any of the preceding claims~~ characterized in that the chamber (15) has a rectangular cross-section.

Claim 12 (currently amended): Base insert device pursuant to claim 1 ~~any of the preceding claims~~ characterized in that the chamber (15) has a circular cross-section.

Claim 13 (original): Base insert device pursuant to the preceding claim characterized in that the chamber (15) is a borehole that is inserted into the application head.

Claim 14 (currently amended): Base insert device pursuant to claim 1 ~~any of the preceding claims~~ characterized in that at least one glue supplying line (4a, 13) via which glue is supplied to the chamber (15) engages into the chamber (15).

Claim 15 (original): Base insert device pursuant to the

preceding claim characterized in that the chamber (15) can be displaced along the glue supplying line (4a, 13) at least partly in the direction (y) extending perpendicular to the transport direction (x) of the bag components.

Claim 16 (currently amended): Base insert device pursuant to claim 1 any of the preceding claims characterized in that the glue supplying line (4a, 13) has a cross-sectional area, which is smaller than that of the chamber (15).

Claim 17 (original): Base insert device pursuant to the preceding claim characterized in that the glue supplying line has a cross-sectional area, which is smaller than that of the chamber by at least 40 mm².